

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1-8. (Canceled)

9. (Currently amended) A document creation system, creating a document described in a data format including document data and quantitative document intent information, comprising:

a user interface which collects document content and quantitative document intent information associated with the document content in the form of a document intent vector, and displays examples of the effects of quantitative document intent information, said examples being selectable via said user interface, said document intent vector which includes a matrix of weights that give the contribution of each value property to each intent where said intent including document costs as a factor which represents the intents of a design of the document in decisions made to display the document;

a document editor, generating and applying said capturing the document content and quantitative document intent information and storing a corresponding document description and document intent vector to a stored document file suitable storage device; and,

a document formatter, using said document description and document intent vector to format examples of the document description, for subsequent display and user selection at said user interface to selectively change the quantitative document intent information provided to the document editor; and

a document processing component receiving the document description and document intent vector and employing the document intent vector to produce a formatted document description suitable for input to a corresponding imaging component.

10. (Previously presented) The system as defined in claim 9, wherein said display at said user interface interactively gathers intents from a user during document creation.

11. (Canceled)

12. (Currently amended) A document indexing and retrieval system, for storing documents described in a data format including document data and quantitative document intent information in the form of a document intent vector, including:

a user interface configured to display examples of the effects of collect document content and quantitative document intent information on said document data, said examples being selectable via said user interface;

a document storage device;

a document indexing system, indexing documents in accordance with capturing the document content and quantitative document intent information and storing a corresponding document description and document intent vector derived from quantitative document intent coordinates and a matrix of weights that give the contribution of each value property to each document intent coordinate of said document intent vector, the document intent vector representing intents of a design of the documents including document costs as a factor used in decisions made to output the documents to the document storage device; and;

a document retrieval system configured to retrieve said document description and document intent vector to format examples of the document description for subsequent display and user selection at the user interface to selectively change the quantitative document intent information provided to the document indexing system; and

a document processing component receiving the document description and document intent vector and employing the document intent vector to produce a formatted document description suitable for input to a corresponding imaging component.

13-17. (Canceled)

18. (Currently amended) A document using system, presenting a document described in a data format including document data and quantitative document intent information, including:

a first user interface that displays examples of the effects of collects document content and first quantitative document intent information associated with on-said document-data content from a creator of the document content; said examples being selectable via said user interface;

a second user interface that collects second quantitative document intent information associated with the document content from a user of the document content;

an intent combiner for reconciling the first and second quantitative document intent information to form reconciled quantitative document intent information;

a document editor for capturing the document content and reconciled quantitative document intent information and storing a corresponding document description and document intent vector to a suitable storage device; and

a document processing component receiving the document description and document intent vector derived at least from a weighted matrix of contributions for each intent coordinate, where and employing said document intent vector represents said quantitative document intent information for the design of the document and document costs to be used in decisions made to output the document to produce a formatted document description suitable for input to a corresponding imaging component.

19. (Currently amended) A document using system, presenting a document described in a data format including document data, and quantitative document intent information, specified by a document creator comprising:

a document creator system user interface that collects document content and document creator quantitative document intent information associated with said document content;

a document using system user interface receiving document user quantitative document intent information associated with the document content, including the relative importance of document costs represented through a matrix of weights, and compiling said user quantitative intent information into a document user quantitative

~~document intent vector, said system user interface being configured to display selectable examples based at least in part on said document intent vector; and~~

~~a document using system document processor, combining a the document creator quantitative document intent vector information which is reflective of document creator quantitative document intent information and derived from said matrix of weights, and said document user quantitative document intent vector information, prior to presenting the document content to a user, the document creator quantitative document intent vector and the document user quantitative document intent vector being used in decisions made to present the document;~~

~~a document editor for capturing the document content and combined quantitative document intent information and storing a corresponding document description and document intent vector to a suitable storage device; and~~

~~a document processing component receiving the document description and document intent vector and employing the document intent vector to produce a formatted document description suitable for input to a corresponding imaging component.~~

20. (Previously presented) The document using system defined in claim 19, wherein the document using system processor applies a set of reconciliation rules to the document creator quantitative document intent information and document user quantitative document intent information, in order to determine the appropriate combination thereof.

21. (Currently amended) A document processing system operative to process documents in a data format, said document processing system comprising:

a document user interface which collects document content and document intent information representing intent of a design of said documents ~~displays examples of the effects of quantitative document intent information on said document data, said examples are selectable via said user interface~~ document content, said document intent information including a plurality of ~~qualified~~ quantified intents defined as functions of relative importance reflecting value properties of the document content;

a document editor which captures the document content and document intent information, forms a document description from the document content, compiles said value properties into a document intent vector which is derived from a value property and a matrix of weights that give defining the contribution of each value property to each intent-coordinate the document intent vector, and stores the document content and document intent vector to a suitable storage device; and

a document processing component receiving the document description and document intent vector and employing the document intent vector to produce a formatted document description suitable for input to a corresponding imaging component.

22. (Currently amended) The document processing system of claim 21, wherein said qualified-quantified intents include at least one of the following:

legibility, ability to attract attention, cost, processing time or visual balance.